In the Specification:

At pages 6-7, lines 20-23 and 1-17 respectively, please amend the paragraph (at page 6, line 21) as follows:

The data transfer can be efficiently directed across the network in a variety of manners based on the application of interest. ~~In one~~ One example application is directed to end-users of requested data who do not use their network terminals at specific periods of each day. These specific periods are assumed to be periods in which the network can be used at relatively low cost, such as during late night and early morning hours or at other times when network traffic is relatively low in relation to high-traffic periods. The application routing controller is programmed to transfer data during the low-cost periods. During these periods of low network use, local data-transfer channels that are typically congested during higher use periods are available for information transfer. Using these local channels requires fewer network hops, or overhead, to effect the data transfer, and corresponding communications charges are decreased. For example, when requested data does not have to be delivered immediately, the router schedules the data delivery to occur during a selected reduced-cost period. If the requested data is not due at its target destination in a time frame that covers multiple low-cost periods, the data can be sent in segments; for example, a movie requested for viewing two days in advance can be separated so as to employ sequential 2:00 AM one-hour data-transfer periods. Advantageously, an end-user viewing this transferred movie incurs relatively little costs associated with the transfer of the data over the network and with usage of the user's network terminal in receiving the transferred data. Various other example cost-related applications are discussed hereinbelow, with particular example embodiments illustrated in connection with the Figures, including FIGs. 1, 2, 3 and 5.